|   | hIRS-1<br>mIRS-1<br>hIRS-2<br>mIRS-2<br>hIRS-4<br>mIRS-4   | hsNT-1<br>mfRS2α<br>hSNT-2<br>mfRS2β  | hswT-1 mFRS2α hSwT-2 mFRS2β hIRS-1 hIRS-2 mIRS-2 mIRS-2 mIRS-3   |
|---|--|---|--|
|   | (P35568)<br>(P35569)<br>(AAD21531)<br>(P81122)<br>(AAC51738)<br>(AAD17797)<br>(AAB88536)   | (5730057)<br>(5730059)  | G. 1A<br>(5730057)<br>(5730059)<br>(5730059)<br>(F35568)<br>(F35569)<br>(AAD21531)<br>(F81122)<br>(AAC51738)<br>(AAB88536)   |
|   | 219<br>214<br>254<br>250<br>290<br>291<br>229  | 70<br>70<br>70  | 15<br>15<br>15<br>15<br>15<br>15<br>15<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16<br>16   |
| - NA 150 NA 151 | NFFFIEVGRSAVTGPGEFWMQ  | 80  * ***  NLFSFESGRRCQTGQGIFAFKCARAEELFNNLQEIMQNNSINVWEEPVII  NLFSFESGRRCQTGQGIFAFKCSRAEELFNLLQDLMQCNSINVWEEPVII  NLFSFESGRRCQTGQGIFAFKCSRAEELFNLLQDLMQCNSINVWEEPVII  NLFSFESGRRCQTGQGIFAFKCSRAEELFNLLQDLMQCNSINVWEEPVII | DHENKEKVINVDDDGNELGSGIMELTDTELILYTR DNHRNKEKVINVDDDGNELGSGIMELTDTELILYTR DNHPTKEKVINVDDEGVELGSGIMELTDTELILYTR DNHPTKEKVINVDDEGVELGSGVMELTQSELVLHLH DNHPTKEVWQVILKPK-GLGQTKNL-IGIYRLCLTSKTISEVKLNS PAFKEVWQVILKPK-GLGQTKNL-IGIYRLCLTSKTISEVKLNS PAFKEVWQVILKPK-GLGQTKNL-IGYRLCLTSKTISEVKLNS AAYREVWQVILKPK-GLGQSKNL-TGVYRLCLSARTIGEVKLNC PFYKDVWQVIVKPR-GLGQSKNL-TGVYRLCLTDEEVVEVRLNC PFYKDVWQVVVKPR-GLGGNRKEL-SGVFRLCLTDEEVVEVRLNT |
|   | APDAVA-QSI  ADDSVVA-QNI  ADDSVVA-QNI  ADDSVVA-QNI  ADDSVVA-QNI  ADDSVVA-QNI  ADDSVVA-QNI  ADDSVVA-QNI  ADDSVVA-QNI   |   | SKGSRDSF   |
|   | ONMHETILEAMRAMSDEFRPR SEQ. ONIHETILEAMRAMSDEFRPR SEQ. ONIHETILEAMRAIKEIFEFR SEQ. ONIHETILEAMRAIKEIFEFR SEQ. ONMHELFLEKMRAICADEYRA SEQ. ONMHELFLEKMRALCADEYRA SEQ. ONMHELFLEKMRALCADEYRA SEQ. | 20 140 PNNHQTELEVPRTPRTPTTPG SEQ RNNHQTELEVPRTPRTPTTPG SEQ TRNSHPAELDLPRAPQPPNALG SEQ. TRNSHPAELDLPRAPQPPNALG SEQ.  | 60  * * *   *******  |
|   | /ннннннн   | H H H H   |  |
|   |  |   |  |
|   | NO: 18<br>NO: 19<br>NO: 20<br>NO: 21<br>NO: 23<br>NO: 23   | NO:16<br>NO:16<br>NO:17<br>NO:17  | NO:8<br>NO:8<br>NO:9<br>NO:10<br>NO:11<br>NO:11<br>NO:11<br>NO:13<br>NO:14   |
|   |  |   |  |

## FIG. 18

| Intermolecular NOEs | r NOEs                 |                         | 3782   | 8 26 10 2 20               | 7                 | 4 18         | 26        | 7 12 5 52 20 30           | 52 2(          | 0 30           | 7  |          |                |
|---------------------|------------------------|-------------------------|--|----------------------------|-------------------|--------------|-----------|---------------------------|----------------|----------------|--|----------|----------------|
|                     |                        |                         | 410  | 415                        | 420               | 0            |           | 425                       |                | 4              | 8  |          |                |
| hFGFR1              | (P11362)               | (409-430)               | OMA  | HK                         | A:KS              |              | Ы         | æ                         | D<br>T         | >              | SEQ.   | I.D.     | NO:24          |
| mFGFR1<br>xFGFR1    | (JH0393)<br>(P22182)   | (419-440) $(405-426)$   |  | RE<br>XX<br>TT             | AM<br>SS          | дд<br>НН     | <b>47</b> | 0101<br>0100              | 44<br>44       | <br> <br> <br> | SEO.   | п.<br>П. | NO:24<br>NO:25 |
| hFGFR2<br>mFGFR2    | (A45081)<br>(A38429)   | (411-432)<br>(296-317)  | 900  | H<br>H<br>K<br>K<br>K<br>L | <b>HK</b>         | нні<br>ННН   | <b>HH</b> | <b>我我</b><br><b>0</b> 000 | PH:            | >>:            | SES<br>SES<br>SES<br>SES<br>SES<br>SES<br>SES<br>SES<br>SES<br>SES | HH.      | NO:26          |
| XFGFR2<br>hFGFR3    | (NP_000133)            | 00-42<br>07-42<br>01-42 | 1 00 0<br>2 1 1<br>2 1 1<br>2 1 1 1<br>3 1 1 1 |                            | 4 % 0             | - [Li        | 1 11      | x & 0                     |                | ) H            | ט מט מ   |          | 3 25           |
| SFR3                | (BAA22281)             | 96-41                   | - A.<br>- A.<br>- I                            | E<br>E<br>E<br>E           |                   | 4 <u>[</u> 4 | i i       |                           |                | 111            |  |          | ٦٣.            |
| hFGFR4<br>mFGFR4    | (AAB59389)<br>(S18209) | (401-421) $(398-418)$   | PPATO<br>PVT                                   | 14<br>00<br>77             | S S<br>R K<br>L L | E E          | HH        | <b>44</b>                 | គ្រាំគ្រ<br>លល | нч             | ഗഗ   | и.<br>О. | NO:31<br>NO:32 |
| GFR4                | (CAA61930)             | 24-44                   | QTPT   | H                          | 1                 | [24          | H         | ø                         |                | н              | SE   | •        | ٣.             |



FIG. 2A

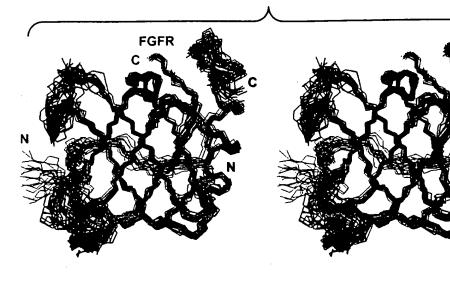


FIG. 2B

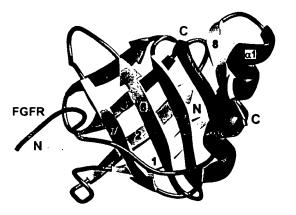
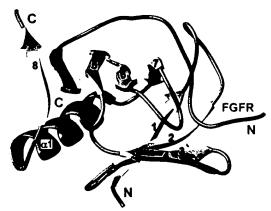
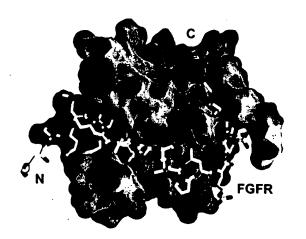


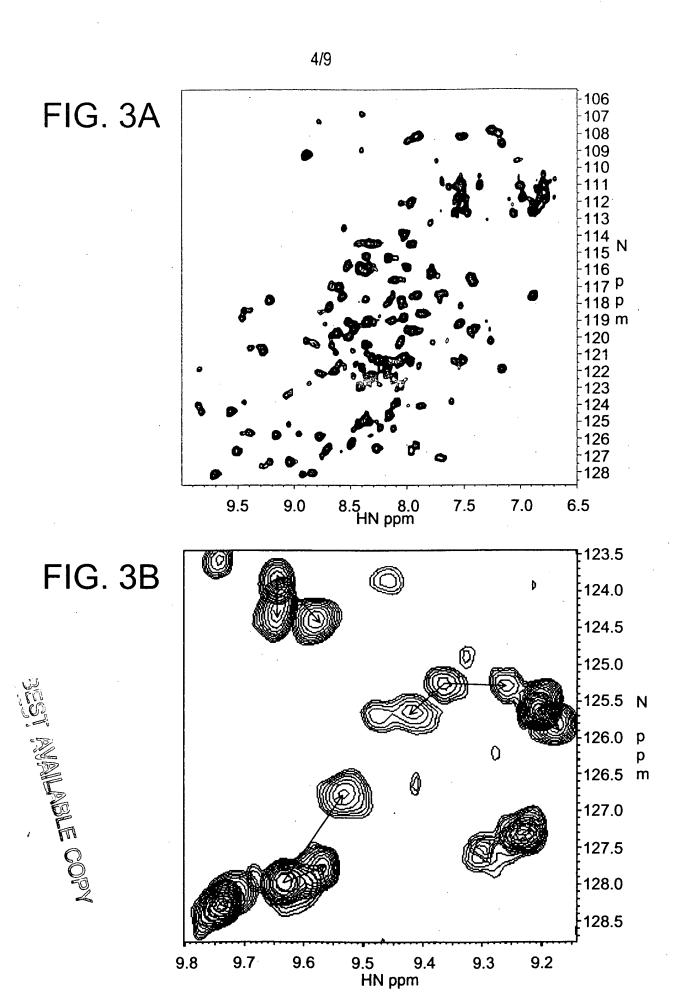
FIG. 2D







PANAMABLE COPY



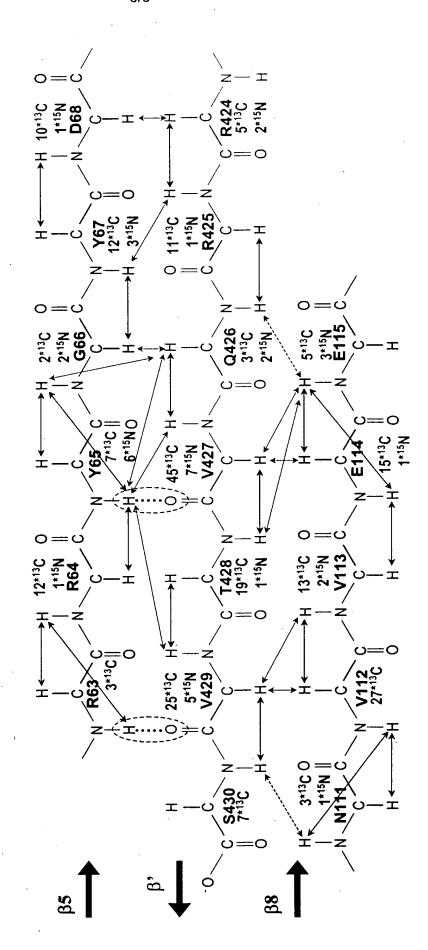


FIG. 4A

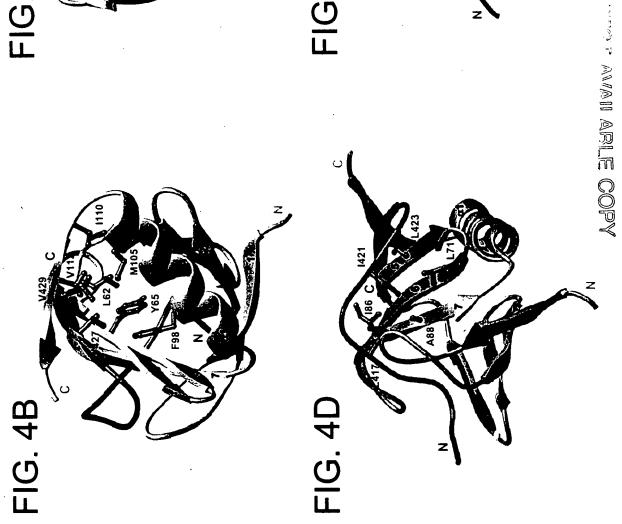


FIG. 4C



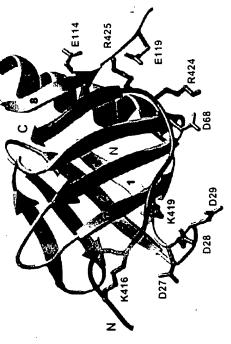


FIG. 6A

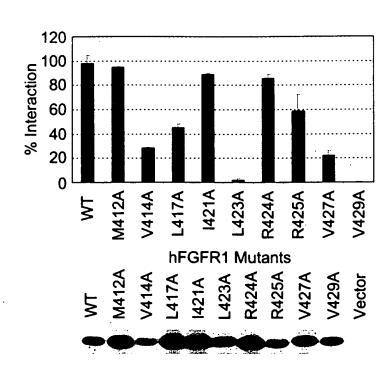
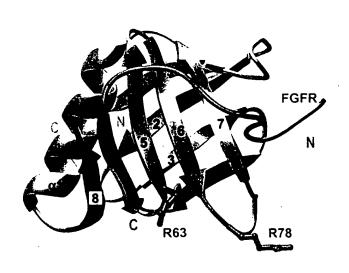


FIG. 6B

FIG. 6C



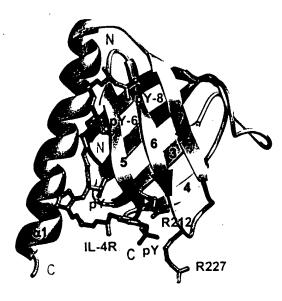
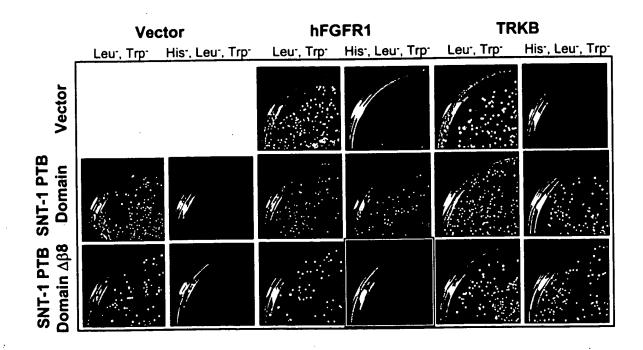


FIG. 6D



BEST AVAILABLE COPY